

Title (en)

CONTINUOUS SILICA PRODUCTION PROCESS AND SILICA PRODUCT PREPARED FROM SAME

Title (de)

KONTINUIERLICHES VERFAHREN ZUR SILIZIUMHERSTELLUNG UND DAMIT HERGESTELLTES SILIZIUMPRODUKT

Title (fr)

PROCÉDÉ CONTINU DE PRODUCTION DE SILICE ET PRODUIT DE SILICE PRÉPARÉ PAR CE PROCÉDÉ

Publication

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Application

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Abstract (en)

[origin: US2011206746A1] Disclosed herein is a continuous process for preparing a silica product, comprising: (a) continuously feeding an acidulating agent and an alkali metal silicate into a loop reaction zone comprising a stream of liquid medium; wherein at least a portion of the acidulating agent and the alkali metal silicate react to form a silica product in the liquid medium of the loop reaction zone; (b) continuously recirculating the liquid medium through the loop reaction zone; and (c) continuously discharging from the loop reaction zone a portion of the liquid medium comprising the silica product. Silica products and dentifrice compositions comprising the silica products are also disclosed. A continuous loop reactor is also disclosed.

IPC 8 full level

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